

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims**

1. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass having a composition substantially comprising 30 to 60 mol % of CaO, 40 to 70 mol % of SiO<sub>2</sub>, and 20 mol % or less of Na<sub>2</sub>O, ~~said bioactive glass having a glass transition temperature of 790°C or lower,~~ wherein said bioactive glass is substantially free from P<sub>2</sub>O<sub>5</sub> ~~and is a sintering aid in a sintered calcium phosphate glass,~~ and said sintered calcium phosphate contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.
2. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 1, said bioactive glass further comprising CaF<sub>2</sub>.
3. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 1, further comprising B<sub>2</sub>O<sub>3</sub>.
4. (Canceled)
5. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 1, wherein a difference between its glass transition temperature and its crystallization initiation temperature in said bioactive glass is 80°C or more.
6. (Canceled)

7. (Currently Amended) A ~~bioactive glass~~ sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass having a composition substantially comprising 30 to 60 mol % of CaO, 40 to 70 mol % of SiO<sub>2</sub>, and at least one of Na<sub>2</sub>O, CaF<sub>2</sub> and B<sub>2</sub>O<sub>3</sub>, Na<sub>2</sub>O being 20 mol % or less, CaF<sub>2</sub> being 0.1-1 mol %, and B<sub>2</sub>O<sub>3</sub> being 5 mol % or less, ~~said bioactive glass having a glass transition temperature of 700°C or lower~~ wherein said sintered calcium phosphate contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.

8. (Cancel)

9. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 7, wherein said bioactive glass is substantially free from P<sub>2</sub>O<sub>5</sub>.

10-11. (Canceled)

12. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass having a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO<sub>2</sub>, and 0.1-5 mol % of Na<sub>2</sub>O, ~~wherein said bioactive glass is a sintering aid in a sintered calcium phosphate glass wherein said sintered calcium phosphate contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.~~

13. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass having a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO<sub>2</sub>, 0.1-5 mol % of Na<sub>2</sub>O, and 0.1-1 mol % of CaF<sub>2</sub>, wherein said sintered calcium phosphate contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.

14. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass having a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO<sub>2</sub>, 0.1-5 mol % of Na<sub>2</sub>O, and B<sub>2</sub>O<sub>3</sub>, wherein said sintered calcium phosphate contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.

15. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 12, wherein a difference between its glass transition temperature and its crystallization initiation temperature in said bioactive glass is 80°C or more.

16. (Canceled)

17. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass having a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO<sub>2</sub>, and at least one of Na<sub>2</sub>O, CaF<sub>2</sub> and B<sub>2</sub>O<sub>3</sub>, Na<sub>2</sub>O being 0.1 to 5 mol %, CaF<sub>2</sub> being 0.1-1 mol %, and B<sub>2</sub>O<sub>3</sub> being 5 mol % or less, wherein said sintered calcium phosphate contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.

18. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 12, wherein said bioactive glass is substantially free from  $P_2O_5$ .

19. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 17, wherein said bioactive glass is substantially free from  $P_2O_5$ .

20-21. (Canceled)

22. (Currently Amended) The ~~bioactive glass~~ sintered calcium phosphate according to claim 1, said bioactive glass comprising CaO and  $SiO_2$  in approximately equal molar ratios.

23. (Canceled)

24. (Currently Amended) The sintered calcium phosphate ~~glass~~ according to claim ~~[[10]]~~ 1, wherein said bioactive glass generates a  $\beta$ -wollastonite crystal at a crystallization temperature.

25. (Currently Amended) The sintered calcium phosphate ~~glass~~ according to claim ~~[[20]]~~ 12, wherein said bioactive glass generates a  $\beta$ -wollastonite crystal at a crystallization temperature.